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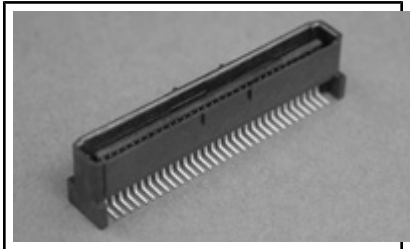
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- [Glossary of Terms](#)
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[Home](#) > [Products](#) > [By Type](#) > [Parallel \(Stacking\) Configuration](#) > [Product Feature Selector](#) > Product Details

5120527-1 Product Details

 **Live Product Chat** US Only
8:30am - 5pm ET, Mon - Fri



5120527-1

 [Active](#)

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.4mm, .5mm, .6mm, .8mm, 1mm, Fine Pitch, Surface Mount, Stacking Bd-to-Bd Connectors



[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

Product Highlights:

- Plug
- Family Name = Free Height
- 1.00 mm Centerline
- Number of Positions = 64
- In-Line Contact Layout

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Documentation & Additional Information

Product Drawings:

- [PLUG ASSY, 1.0mm FH\(IEEE 1386\) CONNECTOR](#) (PDF, English)

Catalog Pages/Data Sheets:

- [Fine Pitch Stacking Connectors - 1.0mm Free Height \(...\)](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version O)
- [3D Model](#) (IGES, Version O)
- [3D Model](#) (STEP, Version O)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Product Photo](#)

Related Products:

- [Tooling](#)
- [Mating Products \(12\)](#)

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)**Product Type Features:**

- [Gender](#) = Plug
- [Number of Positions](#) = 64
- PCB Mount Angle = Vertical
- [Keyed](#) = No
- Comment = IEEE 1386 Mezzanine Connector.

Termination Related Features:

- Solder Tail Contact Plating = Tin over Nickel

Body Related Features:

- [Centerline \(mm \[in\]\)](#) = 1.00 [0.039]
- [Board-to-Board Stack Height \(mm \[in\]\)](#) = 10.00 [0.394], 12.00 [0.472], 13.00 [0.512], 15.00 [0.590]
- [Grounding Plate](#) = Without
- [Grounding Contact](#) = Without
- [Locating Posts](#) = With
- [Vacuum Cover](#) = Without
- Number of Rows = Dual

Contact Related Features:

- Family Name = Free Height
- [Contact Layout](#) = In-Line
- Contact Material = Copper Alloy
- [Contact Mating Area Plating Material](#) = Gold (30)

Housing Related Features:

- Housing Color = Black
- Housing Material = Liquid Crystal Polymer (LCP)
- Housing Flammability Rating = UL 94V-0
- Housing Material Temperature = High

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C, Reflow solder capable to 245°C, Reflow solder capable to 260°C, Pin-in-Paste capable to 245°C, Pin-in-Paste capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Packaging Related Features:

- [Packaging Method](#) = Tape & Reel

Other:

- Brand = AMP

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